

TITLE: TRANSGENIC MANIPULATION OF SN-GLYCEROL-3-PHOSPHATE AND GLYCEROL PRODUCTION WITH A FEEDBACK-DEFECTIVE GLYCEROL-3-PHOSPHATE DEHYDROGENASE GENE

Inventor: Zou et al.
Serial No.: 10/088,079
Docket No.: 3015-7453US

Reply to Notice of Non-Compliant Amendment of November 1, 2005
Replacement Sheet

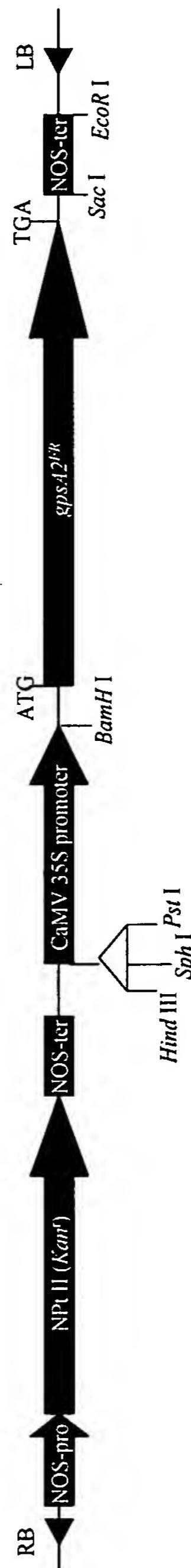
Figure 1

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M N Q R N A S M T V I G A G S
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Y G T A L A I T L A R N G H E
91 gttgtcctctggggccatgaccctgaacatatacgcaacgcttgaa 45
V V L W G H D P E H I A T L E
136 cgcgaccgctgttaacgcccgcgttctccccgatgtgcctttccc 60
R D R C N A A F L P D V P F P
181 gatacgctccatcttgaaaagcgatctcgccactgcgctggcagcc 75
D T L H L E S D L A T A L A A
226 agccgtaatattctcgtcgtacccagccatgtctttggtgaa 90
S R N I L V V V P S H V F G E
271 gtgctgcgccagattaaaccactgtatgcgtcctgatgcgcgtctg 105
V L R Q I K P L M R P D A R L
316 gtgtggcgaccaaaggctggaagcgaaaaccggacgtctgtta 120
V W A T K G L E A E T G R L L
361 caggacgtggcggtgaggccttaggcgatcaaattccgctggcg 135
Q D V A R E A L G D Q I P L A
406 gttatctctggccaacgtttgcgaaagaactggcggcaggtta 150
V I S G P T F A K E L A A G L
451 ccgacagctattcgctggcctcgaccgatcagacccatggcgat 165
P T A I S L A S T D Q T F A D
496 gatctccagcagctgtgcactgcggcaaaagtccgcgtttac 180
D L Q Q L L H C G K S F R V Y
541 agcaatccggatttcattggcgatgcggcggcggtgaaa 195
S N P D F I G V Q L G G A V K
586 aacgttattgccattggcgatgtccgacggatcggttttt 210
N V I A I G A G M S D G I G F
631 ggtgcgaatgcgcgtacggcgctgatcacccgtggctggctgaa 225
G A N A R T A L I T R G L A E
676 atgtcgctcttggcgccgtggatgtccgacggatcggttttt 240
M S R L G A A L G A D P A T F
721 atggcatggcggttggcgatctggcgatgggtgttacgtaccgaa* 255
M G M A G L G D L V L T C T E
766 aaccagtcgcgttaaccgcgtttggcatgtatgcgtcaggc 270
N Q S R N R R F G M M L G Q G
811 atggatgtacaaagcgcgaggagaagattggtcagggtggaa 285
M D V Q S A Q E K I G Q V V E
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G Y R N T K E V R E L A H R F
901 ggcgttggaaatgccaataaccgaggaaatttatcaagtattat 315
G V E M P I T E E I Y Q V L Y
946 tgcggaaaaacgcgcgcgaggcaggatgtactttacttaggtcg 330
C G K N A R E A A L T L L G R
991 gcacgcaaggacgagcgcagcagccactaa 1020
A R K D E R S S H *           339

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Figure 2



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Figure 3

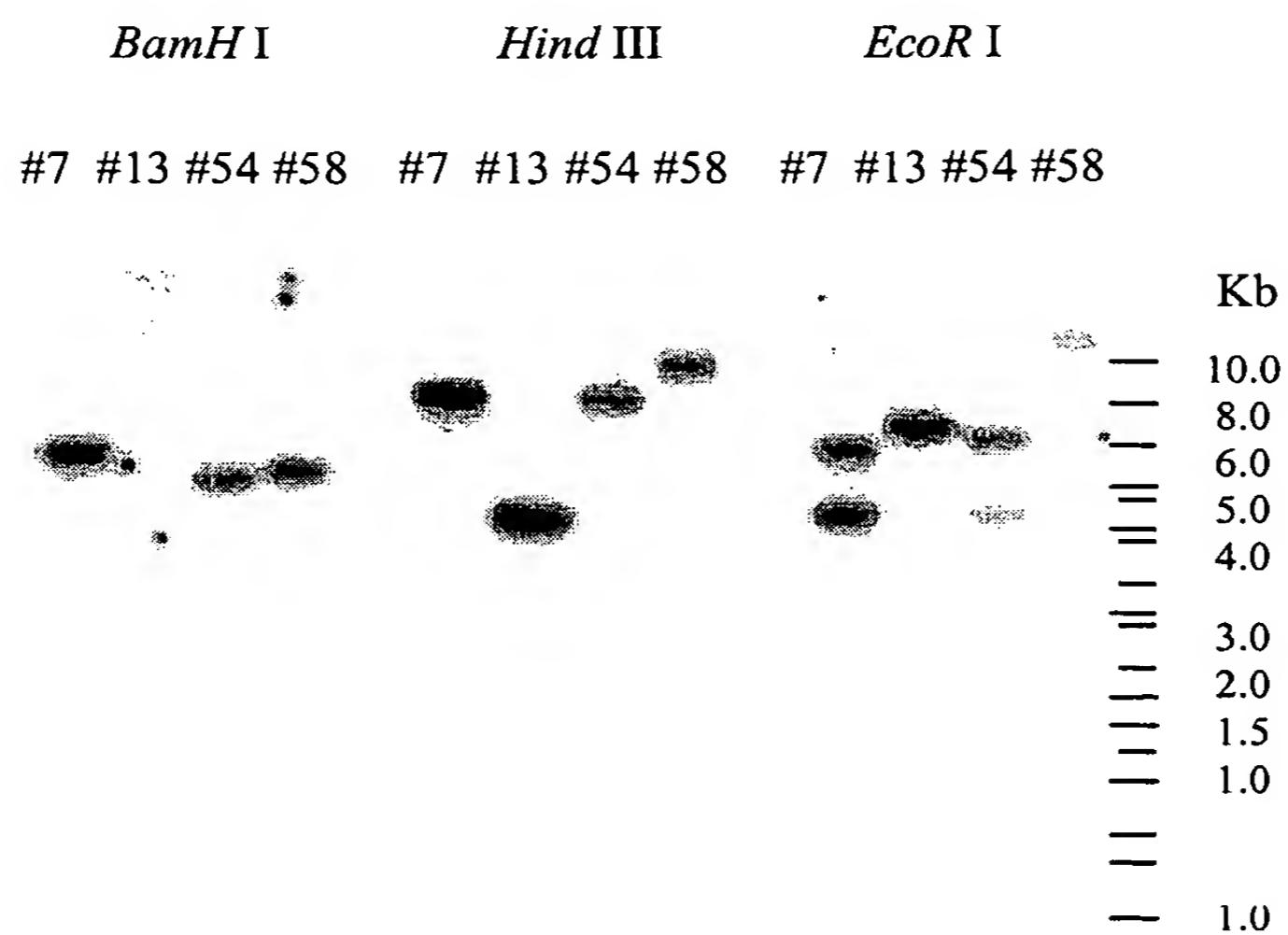
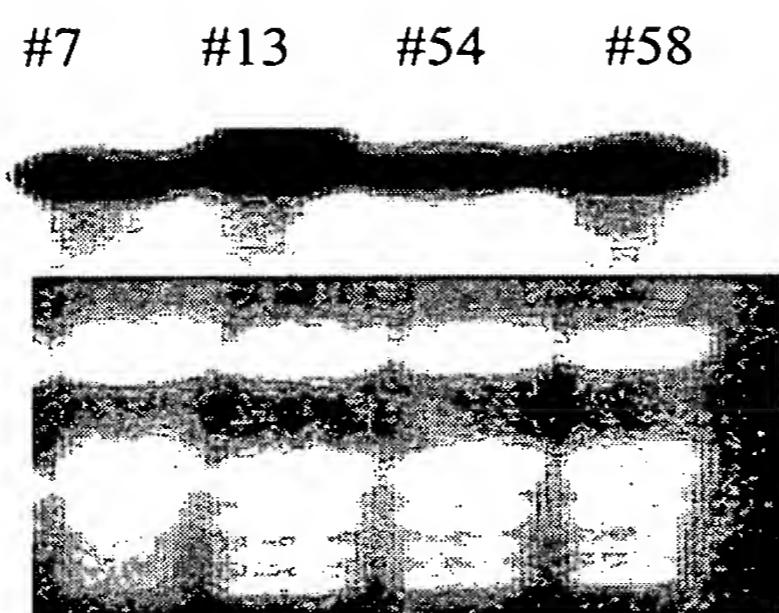


Figure 4



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Figure 5

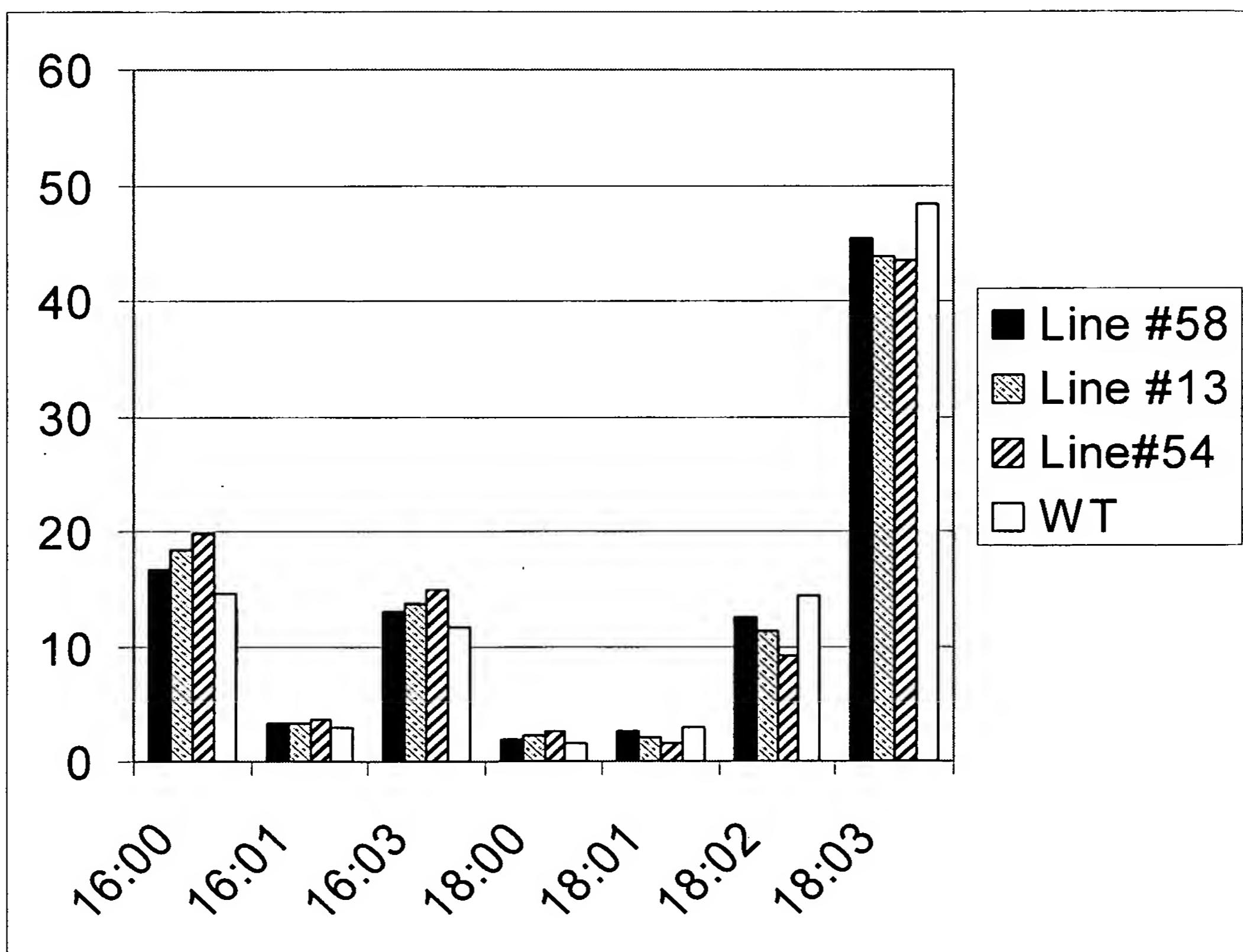


Figure 6

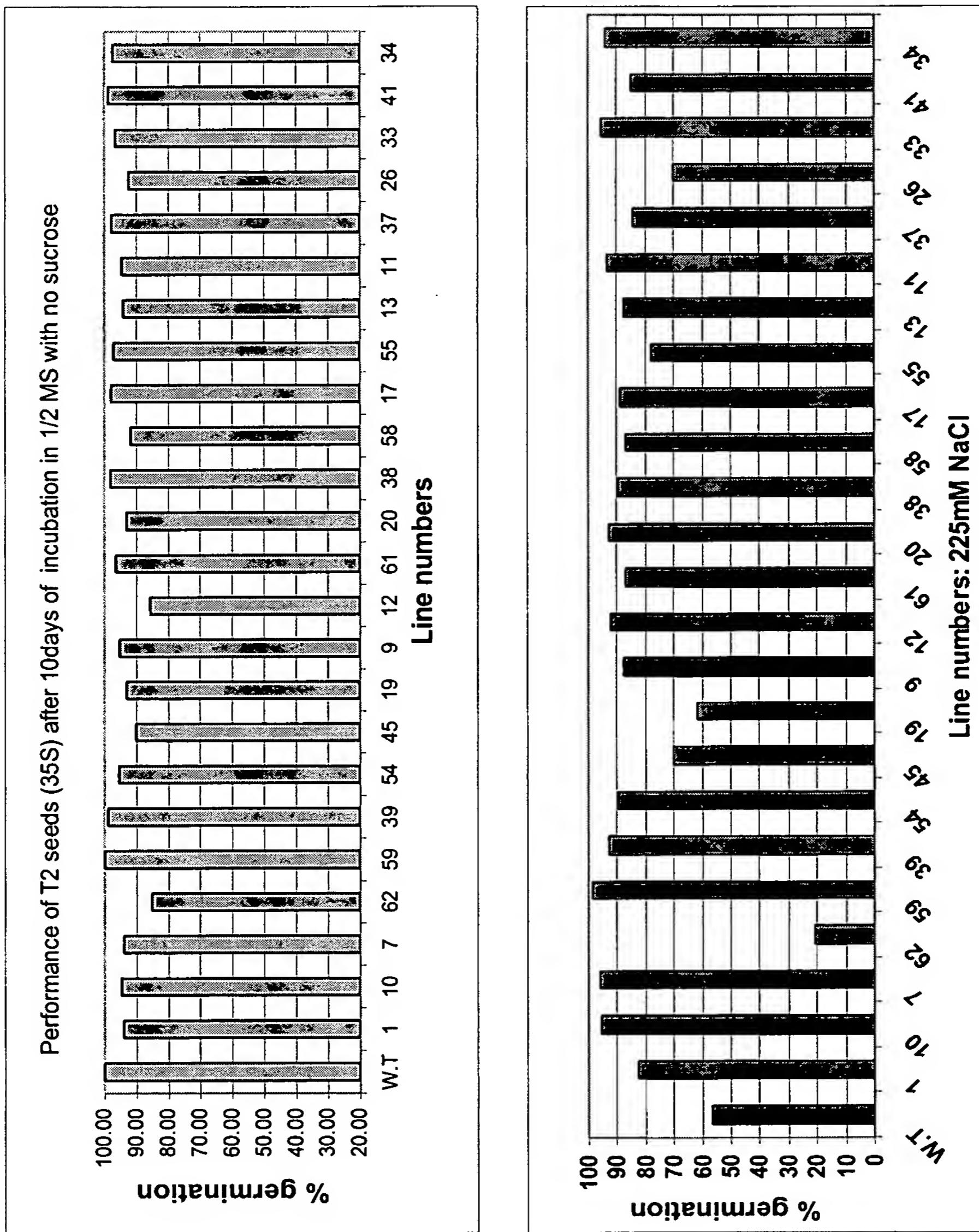
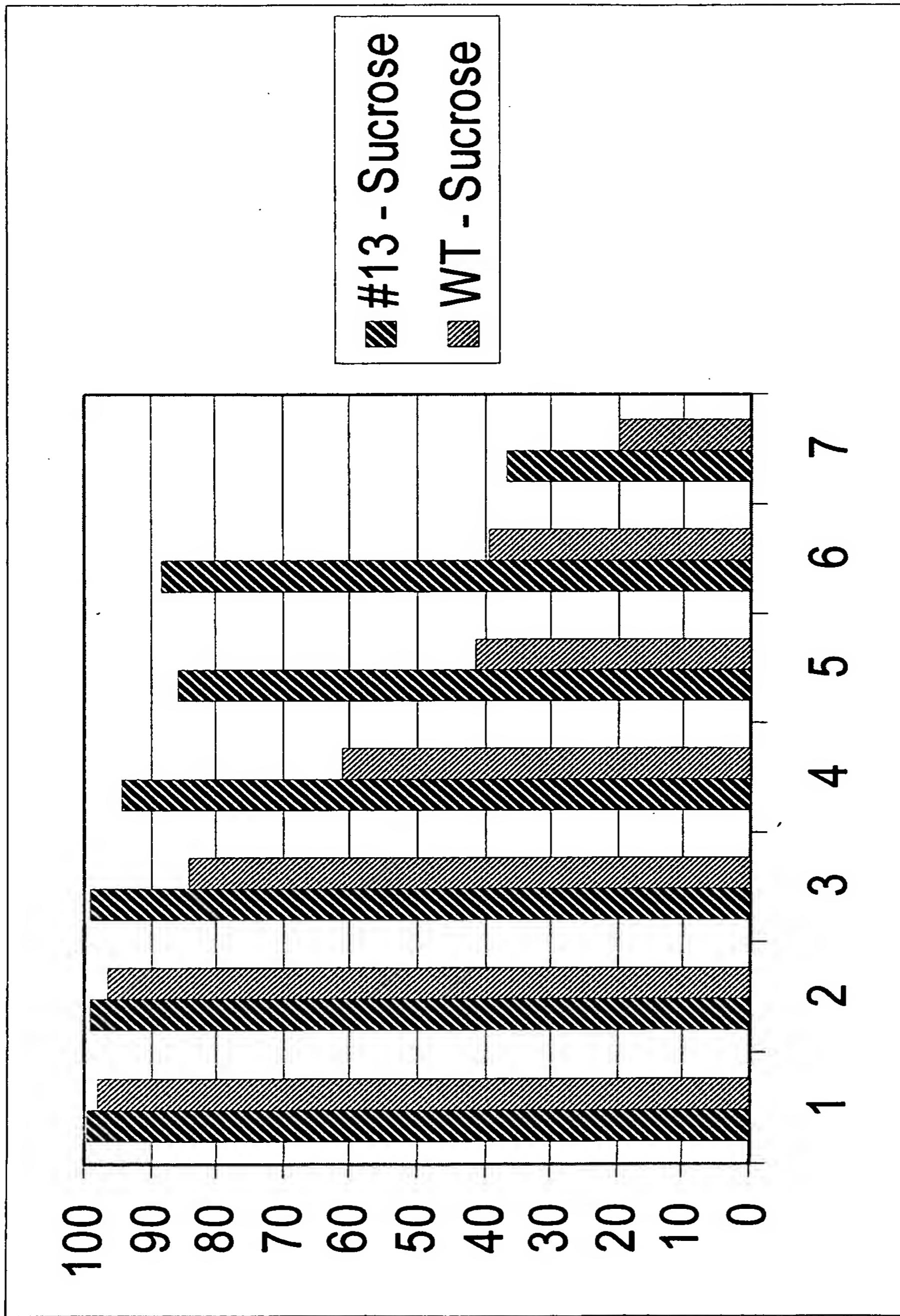
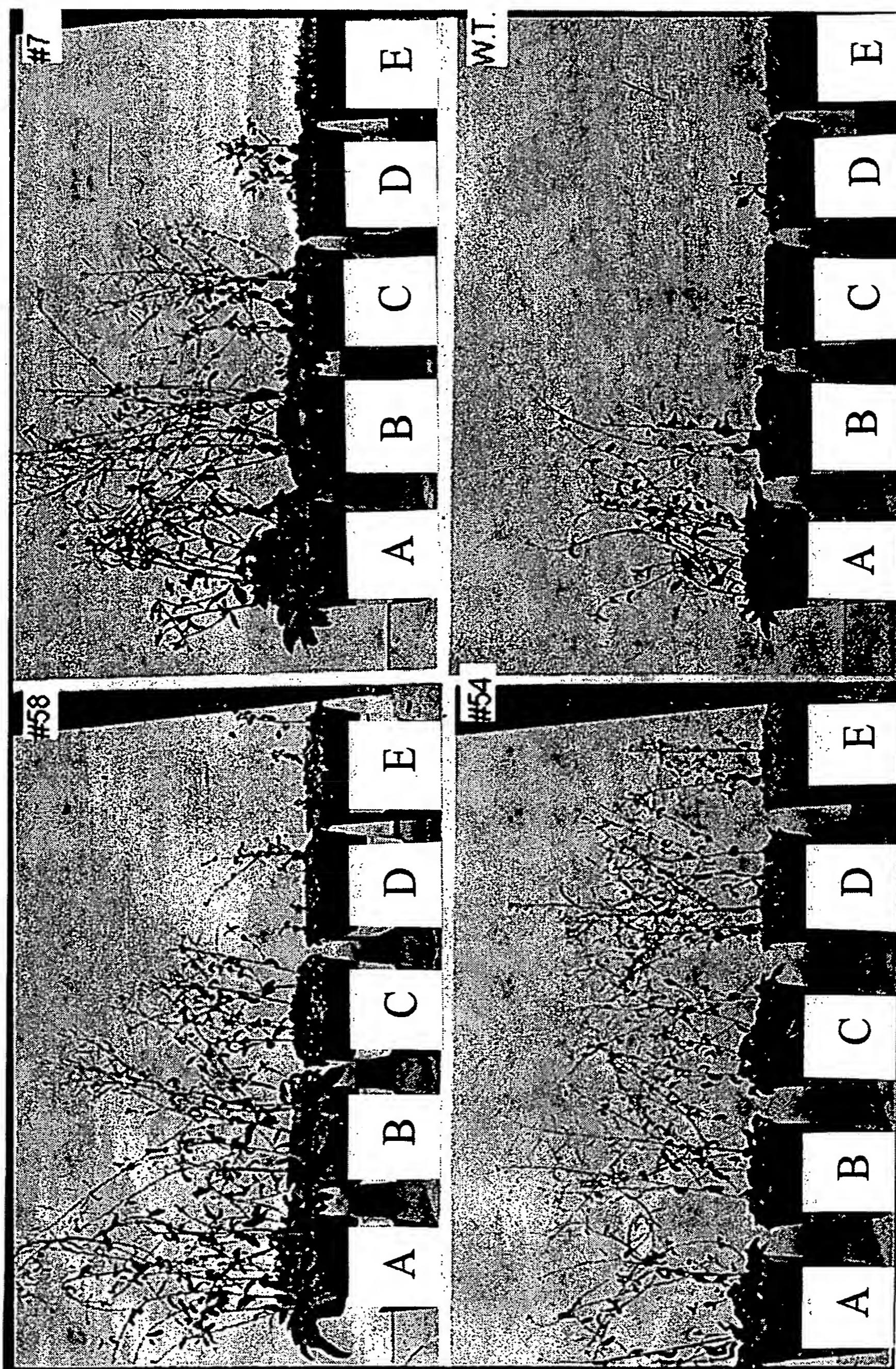


Figure 7



TITLE: TRANSGENIC MANIPULATION OF SN-GLYCEROL-3-PHOSPHATE AND GLYCEROL PRODUCTION WITH A FEEDBACK-DEFECTIVE GLYCEROL-3-PHOSPHATE DEHYDROGENASE GENE
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Figure 8



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